

ABSTRACT OF THE DISCLOSURE

A method of and an apparatus for guaranteeing seamless reproduction of data streams. The method relates to seamlessly reproducing of a plurality of data streams that include packet data with arrival time stamps determined to be unrelated to each other, the method including generating control information for controlling output times of the plurality of data streams for seamless reproduction, and continuously reproducing the plurality of data streams based on the generated control information. In particular, the control information may specify a reference time value and one of reproduction a gap length value and an offset value. Accordingly, a plurality of SOBs, ATs of packet data of which are determined to be unrelated to each another may be seamlessly reproduced by adjusting the ATs of packet data of subsequent SOBs using a reference time value.